

# Restraint Devices

WAC 296-864-300

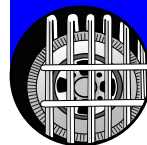
## Section Contents

### YOUR RESPONSIBILITY:

**To make sure your restraint devices are safe**

#### You must

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# Restraint Devices

WAC 296-864-300

## Rule

**WAC 296-864-30005**

### Use a restraining device

#### You must

- Use a restraining device for inflating tires on split rim wheels.
- Use a restraining device or barrier for inflating tires on single-piece wheels.



#### Exemption:

- A restraining device or barrier isn't required for single-piece rim wheels, if the rim wheel will be bolted onto a vehicle during inflation.

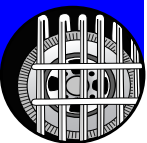
**WAC 296-864-30010**

### Make sure the restraint device meets these requirements

#### You must

- Make sure the restraining device or barrier can withstand a rim wheel separation that occurs at 150 percent of the maximum tire pressure specified.
- Make sure the restraining devices and barriers will contain any components that may be thrown out during a wheel separation of any rim wheel.
- Make sure restraining devices and barriers are visually inspected:
  - Prior to each day's use
  - and**
  - After any separation of the rim wheel components or sudden release of air.

**-Continued-**



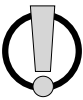
# Restraint Devices

WAC 296-864-300

## Rule

### WAC 296-864-30010 (Continued)

- Make sure any restraining device or barrier that shows damage is immediately removed from service. Examples of damage include:
  - Cracks at welds
  - Cracked or broken components
  - Bent or sprung components caused by mishandling, abuse, tire explosion or rim wheel separation
  - Pitting of components due to corrosion
- or**
- Other structural damage that would decrease its effectiveness.
- Make sure restraining devices or barriers removed from service aren't used until they are repaired and reinspected.
- Make sure restraining devices or barriers that need structural repair aren't used until they are certified by either:
  - The manufacturer
- or**
- A registered professional engineer.



**Note:**

- The certification needs to show that the barrier can withstand a force of 150 percent of the maximum tire pressure in the event of wheel separation.



# Restraint Devices

WAC 296-864-300

## Rule

**WAC 296-864-30015**

**Provide charts or rim manuals**

### **You must**

- Provide current charts or rim manuals containing instructions for the types of wheels being serviced in the service area.
- Provide and use only tools recommended in the rim manual for the specific type of rim wheel being serviced.

